

=> d his ful

(FILE 'HOME' ENTERED AT 11:10:56 ON 28 AUG 2006)

FILE 'REGISTRY' ENTERED AT 11:11:34 ON 28 AUG 2006

L1 STRUCTURE UPLOADED

L2 STRUCTURE UPLOADED

D L1

L*** DEL 1676 DL 2

D L2

L3 50 SEA SSS SAM L1

L4 50 SEA SSS SAM L2

L5 57174 SEA SSS FUL L1

L6 413178 SEA SSS FUL L2

L7 228236 SEA SUB=L6 SSS FUL L1

FILE 'HCAPLUS' ENTERED AT 11:14:08 ON 28 AUG 2006

L8 22139 SEA PLU=ON L7

FILE 'REGISTRY' ENTERED AT 11:15:23 ON 28 AUG 2006

L9 STRUCTURE UPLOADED

D L9

L10 13 SEA SSS SAM L9

L11 18 SEA SSS FUL L9 AND L2

FILE 'HCAPLUS' ENTERED AT 11:16:22 ON 28 AUG 2006

L12 13 SEA PLU=ON L11
D L12 1-13 IBIB HITSTR

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data`file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 AUG 2006 HIGHEST RN 904741-41-9

DICTIONARY FILE UPDATES: 27 AUG 2006 HIGHEST RN 904741-41-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE HCAPLUS

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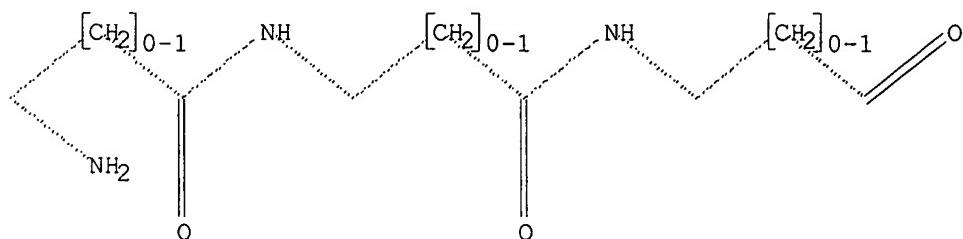
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FILE COVERS 1907 - 28 Aug 2006 VOL 145 ISS 10
 FILE LAST UPDATED: 27 Aug 2006 (20060827/ED)

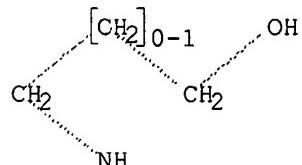
New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que sta
 L2 STR

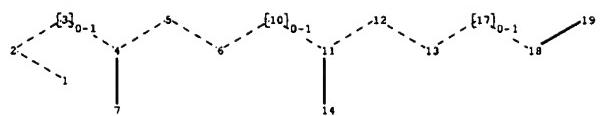
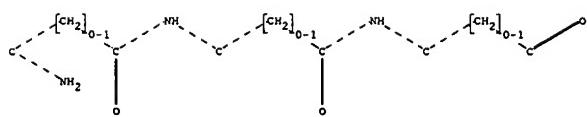


Structure attributes must be viewed using STN Express query preparation.
 L9 STR



Structure attributes must be viewed using STN Express query preparation.
 L11 18 SEA FILE=REGISTRY SSS FUL L9 AND L2
 L12 13 SEA FILE=HCAPLUS PLU=ON L11

C:\Program Files\Stnexp\Queries\hugh1.str



chain nodes :

1 2 3 4 5 6 7 10 11 12 13 14 17 18 19

chain bonds :

1-2 2-3 3-4 4-5 4-7 5-6 6-10 10-11 11-12 11-14 12-13 13-17
17-18 18-19

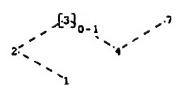
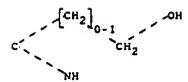
exact/norm bonds :

1-2 2-3 3-4 4-5 4-7 5-6 6-10 10-11 11-12 11-14 12-13 13-17
17-18 18-19

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 17:CLASS 18:CLASS 19:CLASS

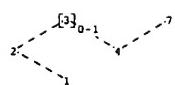
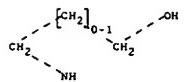
C:\Program Files\Stnexp\Queries\hugh2.str



chain nodes :
1 2 3 4 7
chain bonds :
1-2 2-3 3-4 4-7
exact/norm bonds :
1-2 2-3 3-4 4-7

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 7:CLASS

C:\Program Files\Stnexp\Queries\hugh3.str



chain nodes :
1 2 3 4 7
chain bonds :
1-2 2-3 3-4 4-7
exact/norm bonds :
1-2 2-3 3-4 4-7

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 7:CLASS

10/551,771

08/28/2006

> d his ful

(FILE 'HOME' ENTERED AT 11:27:55 ON 28 AUG 2006)

FILE 'REGISTRY' ENTERED AT 11:27:59 ON 28 AUG 2006

L1 STRUCTURE UPLOADED
 D
L2 STRUCTURE UPLOADED
 D
L3 0 SEA SSS SAM L2
L4 0 SEA SSS FUL L2
L5 STRUCTURE UPLOADED
 D
L6 0 SEA SSS FUL L5
L7 STRUCTURE UPLOADED
 D
L8 0 SEA SSS FUL L7

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 AUG 2006 HIGHEST RN 904741-41-9
DICTIONARY FILE UPDATES: 27 AUG 2006 HIGHEST RN 904741-41-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

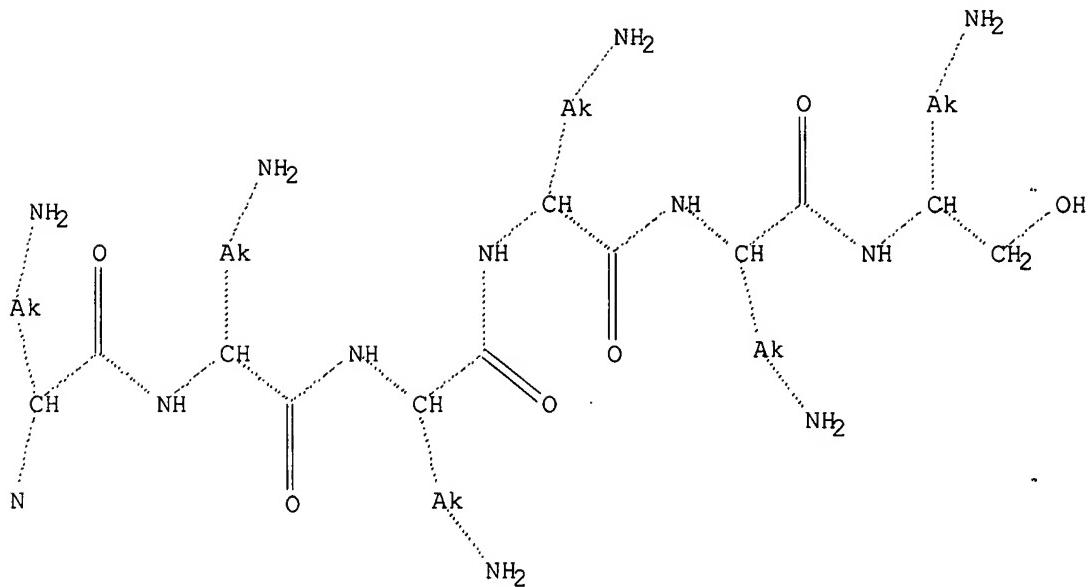
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

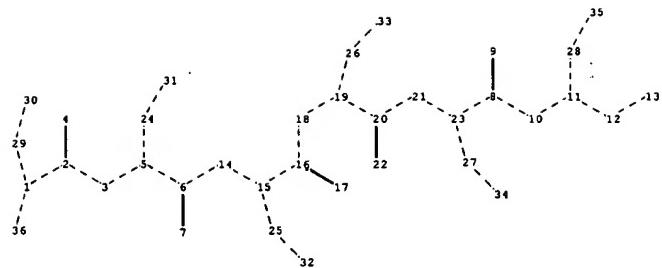
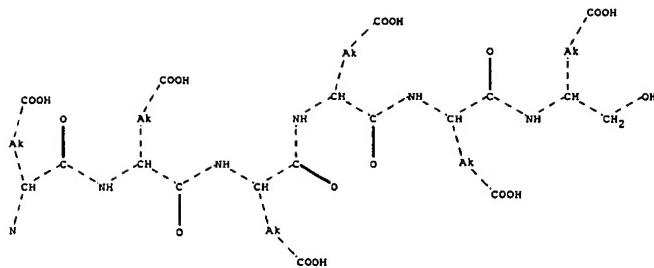
=> d que sta
L7 STR



Structure attributes must be viewed using STN Express query preparation.
L8 0 SEA FILE=REGISTRY SSS FUL L7

100.0% PROCESSED 700042 ITERATIONS
SEARCH TIME: 00.00.41

0. ANSWERS



chain nodes :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36						

chain bonds :

1-2	1-29	1-36	2-3	2-4	3-5	5-6	5-24	6-7	6-14	8-10	8-9	8-23							
10-11	11-12	11-28	12-13	14-15	15-16	15-25	16-25	16-17	16-18	18-19	19-20								
19-26	20-21	20-22	21-23	23-27	24-31	25-32	26-33	27-34	28-35	29-30									

exact/norm bonds :

1-2	1-29	1-36	2-3	2-4	3-5	5-6	5-24	6-7	6-14	8-10	8-9	8-23							
10-11	11-12	11-28	12-13	14-15	15-16	15-25	16-25	16-17	16-18	18-19	19-20								
19-26	20-21	20-22	21-23	23-27	24-31	25-32	26-33	27-34	28-35	29-30									

Match level :

1:CLASS	2:CLASS	3:CLASS	4:CLASS	5:CLASS	6:CLASS	7:CLASS	8:CLASS												
9:CLASS	10:CLASS	11:CLASS	12:CLASS	13:CLASS	14:CLASS	15:CLASS													
16:CLASS	17:CLASS	18:CLASS	19:CLASS	20:CLASS	21:CLASS	22:CLASS													
23:CLASS	24:CLASS	25:CLASS	26:CLASS	27:CLASS	28:CLASS	29:CLASS													
30:CLASS	31:CLASS	32:CLASS	33:CLASS	34:CLASS	35:CLASS	36:CLASS													

Generic attributes :

24:

Type of chain : Linear
 Saturation : Saturated
 Number of Carbon Atoms : less than 7

25:

Type of chain : Linear
 Saturation : Saturated
 Number of Carbon Atoms : less than 7

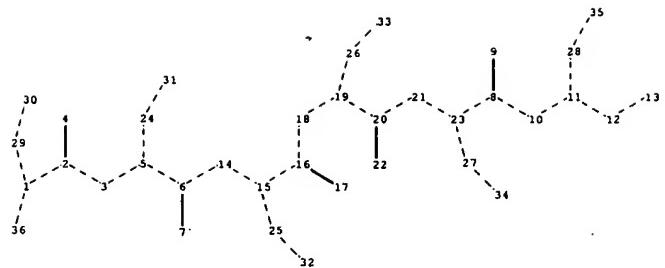
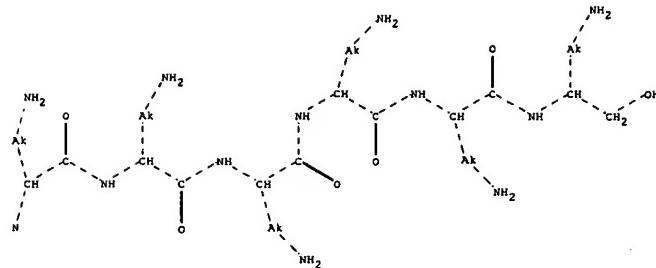
26:

Type of chain : Linear
 Saturation : Saturated
 Number of Carbon Atoms : less than 7

27:

Type of chain : Linear

Saturation : Saturated
Number of Carbon Atoms : less than 7
28:
Type of chain : Linear
Saturation : Saturated
Number of Carbon Atoms : less than 7
29:
Type of chain : Linear
Saturation : Saturated
Number of Carbon Atoms : less than 7



chain nodes :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36						

chain bonds :

1-2	1-29	1-36	2-3	2-4	3-5	5-6	5-24	6-7	6-14	8-10	8-9	8-23							
10-11	11-12	11-28	12-13	14-15	15-16	15-25	16-25	16-17	16-18	18-19	19-20								
19-26	20-21	20-22	21-23	23-27	24-31	25-32	26-33	27-34	28-35	29-30									

exact/norm bonds :

1-2	1-29	1-36	2-3	2-4	3-5	5-6	5-24	6-7	6-14	8-10	8-9	8-23							
10-11	11-12	11-28	12-13	14-15	15-16	15-25	16-25	16-17	16-18	18-19	19-20								
19-26	20-21	20-22	21-23	23-27	24-31	25-32	26-33	27-34	28-35	29-30									

Match level :

1:CLASS	2:CLASS	3:CLASS	4:CLASS	5:CLASS	6:CLASS	7:CLASS	8:CLASS												
9:CLASS	10:CLASS	11:CLASS	12:CLASS	13:CLASS	14:CLASS	15:CLASS													
16:CLASS	17:CLASS	18:CLASS	19:CLASS	20:CLASS	21:CLASS	22:CLASS													
23:CLASS	24:CLASS	25:CLASS	26:CLASS	27:CLASS	28:CLASS	29:CLASS													
30:CLASS	31:CLASS	32:CLASS	33:CLASS	34:CLASS	35:CLASS	36:CLASS													

Generic attributes :

24:
 Type of chain : Linear
 Saturation : Saturated
 Number of Carbon Atoms : less than 7

25:
 Type of chain : Linear
 Saturation : Saturated
 Number of Carbon Atoms : less than 7

26:
 Type of chain : Linear
 Saturation : Saturated
 Number of Carbon Atoms : less than 7

27:
 Type of chain : Linear

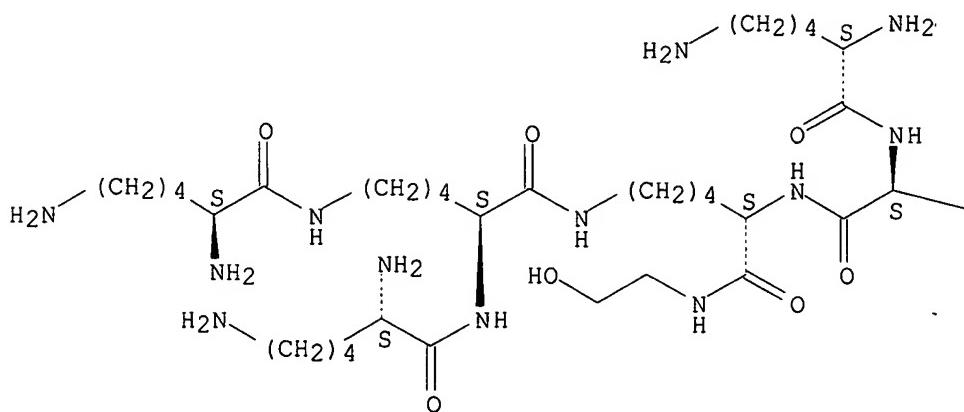
Saturation : Saturated
Number of Carbon Atoms : less than 7
28:
Type of chain : Linear
Saturation : Saturated
Number of Carbon Atoms : less than 7
29:
Type of chain : Linear
Saturation : Saturated
Number of Carbon Atoms : less than 7

=> d 112 1-13 ibib hitstr

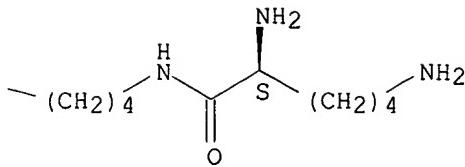
L12 ANSWER 1 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:1290320 HCPLUS
 DOCUMENT NUMBER: 144:192568
 TITLE: Amphiphilic Poly(L-lactide)-b-dendritic
 Poly(L-lysine)s Synthesized with A Metal-Free Catalyst
 and New Dendron Initiators: Chemical Preparation and
 Characterization
 AUTHOR(S): Li, Yang; Li, Qiaobo; Li, Faxue; Zhang, Haiyun; Jia,
 Lin; Yu, Jianyong; Fang, Qiang; Cao, Amin
 CORPORATE SOURCE: Laboratory for Polymer Materials, Shanghai Institute
 of Organic Chemistry, Chinese Academy of Sciences,
 Shanghai, 200032, Peop. Rep. China
 SOURCE: Biomacromolecules (2006), 7(1), 224-231
 CODEN: BOMAF6; ISSN: 1525-7797
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 875275-84-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and characterization of amphiphilic poly(L-lactide)-b-dendritic
 poly(L-lysine)s synthesized with metal-free catalyst and new dendron
 initiators)
 RN 875275-84-6 HCPLUS
 CN 1,4-Dioxane-2,5-dione, 3,6-dimethyl-, (3S,6S)-, homopolymer,
 2-[{N₂,N₆-bis(N₂,N₆-di-L-lysyl-L-lysyl)-L-lysyl]amino]ethyl ester (9CI)
 (CA INDEX NAME)
 CM 1
 CRN 875275-83-5
 CMF C44 H91 N15 O8

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



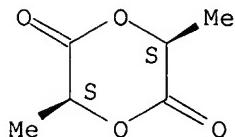
CM 2

CRN 33135-50-1
 CMF (C₆ H₈ O₄)_x
 CCI PMS

CM 3

CRN 4511-42-6
 CMF C₆ H₈ O₄

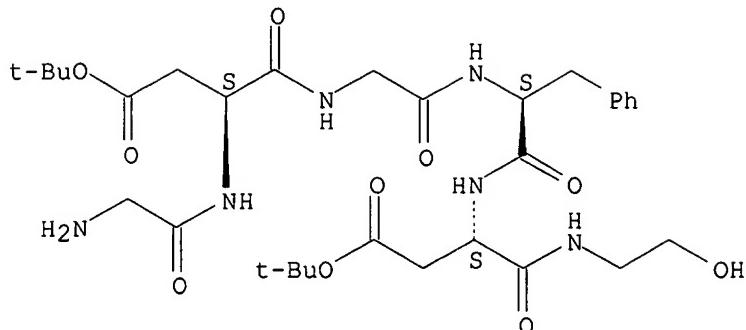
Absolute stereochemistry.



REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:1211350 HCPLUS
 DOCUMENT NUMBER: 144:108650
 TITLE: Sequence-Defined Polypeptide-Polymer Conjugates Utilizing Reversible Addition Fragmentation Transfer Radical Polymerization
 AUTHOR(S): ten Cate, Mattijs G. J.; Rettig, Hartmut; Bernhardt, Kaj; Boerner, Hans G.
 CORPORATE SOURCE: Max Planck Institute of Colloids and Interfaces, MPI KGF Golm, Potsdam, 14424, Germany
 SOURCE: Macromolecules (2005), 38(26), 10643-10649
 CODEN: MAMOBX; ISSN: 0024-9297
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 873078-15-0D, functionalized polystyrene-supported
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (sequence-defined polypeptide-polymer conjugates utilizing RAFT polymerization)
 RN 873078-15-0 HCPLUS
 CN L- α -Asparagine, glycyl-L- α -aspertylglycyl-L-phenylalanyl-N-(2-hydroxyethyl)-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



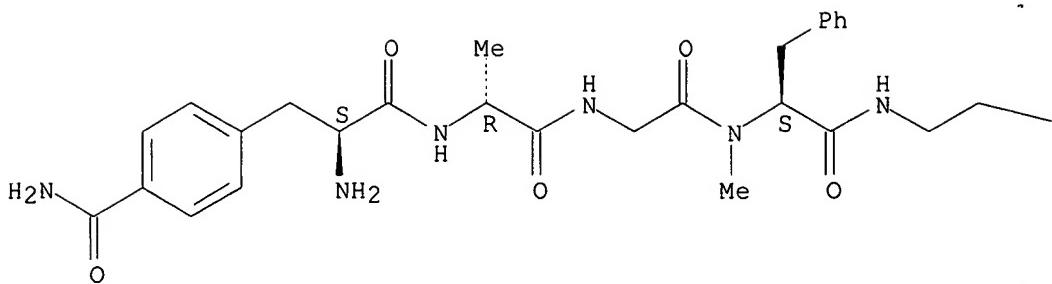
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 3 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:450920 HCPLUS
 DOCUMENT NUMBER: 142:482324
 TITLE: Preparation of phenylalanine derivatives as δ -opioid receptor ligands
 INVENTOR(S): Dolle, Roland E.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 34 pp., Cont.-in-part of U.S. Ser. No. 719,627.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005113295	A1	20050526	US 2004-991785	20041118
US 2005113294	A1	20050526	US 2003-719627	20031121
PRIORITY APPLN. INFO.:			US 2003-719627	A2 20031121
OTHER SOURCE(S):	MARPAT	142:482324		
IT 851883-43-7P	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)			
RN 851883-43-7 HCPLUS	(preparation of phenylalanyl peptides as δ -opioid receptor ligands)			
CN L-Phenylalaninamide, 4-(aminocarbonyl)-L-phenylalanyl-D-alanylglycyl-N-(2-hydroxyethyl)-N α -methyl- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

—OH

L12 ANSWER 4 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:450919 HCPLUS

DOCUMENT NUMBER: 142:482323

TITLE: Preparation of phenylalanine derivatives as
δ-opioid receptor ligands

INVENTOR(S): Dolle, Roland E.

PATENT ASSIGNEE(S): Adolor Corporation, USA

SOURCE: U.S. Pat. Appl. Publ., 32 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005113294	A1	20050526	US 2003-719627	20031121
US 2005113295	A1	20050526	US 2004-991785	20041118
WO 2005051367	A1	20050609	WO 2004-US38656	20041118
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2003-719627 A2 20031121

OTHER SOURCE(S): MARPAT 142:482323

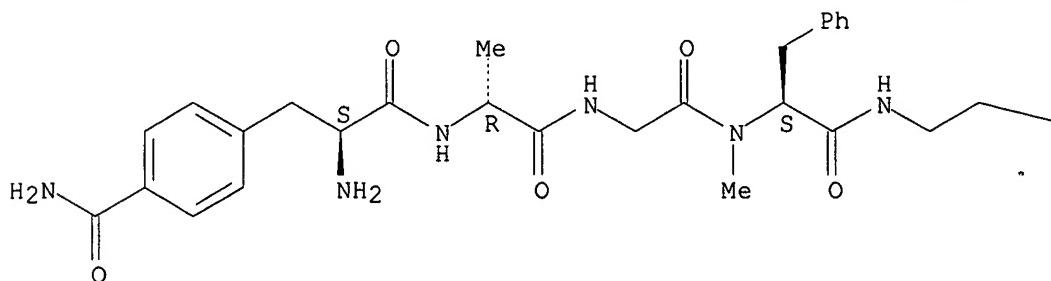
IT 851883-43-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(preparation of phenylalanyl peptides as δ -opioid receptor ligands)
 RN 851883-43-7 HCPLUS
 CN L-Phenylalaninamide, 4-(aminocarbonyl)-L-phenylalanyl-D-alanylglycyl-N-(2-hydroxyethyl)-N α -methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

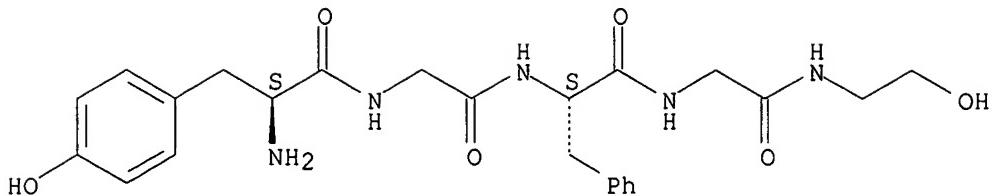


PAGE 1-B

—OH

L12 ANSWER 5 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:295165 HCPLUS
 DOCUMENT NUMBER: 143:387341
 TITLE: Short synthesis of C-terminal modified peptides by a series-connection procedure
 AUTHOR(S): Tian, Gui Jie; Qiu, Chuan Liang; Liu, Zhe; Wang, De Xin
 CORPORATE SOURCE: Institute of Materia Medica Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, 100050, Peop. Rep. China
 SOURCE: Chinese Chemical Letters (2005), 16(1), 31-34
 CODEN: CCLEE7; ISSN: 1001-8417
 PUBLISHER: Chinese Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 143:387341
 IT 866612-40-0 866612-41-1 866612-42-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (synthesis of C-terminal modified peptides)
 RN 866612-40-0 HCPLUS
 CN Glycinamide, L-tyrosylglycyl-L-phenylalanyl-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

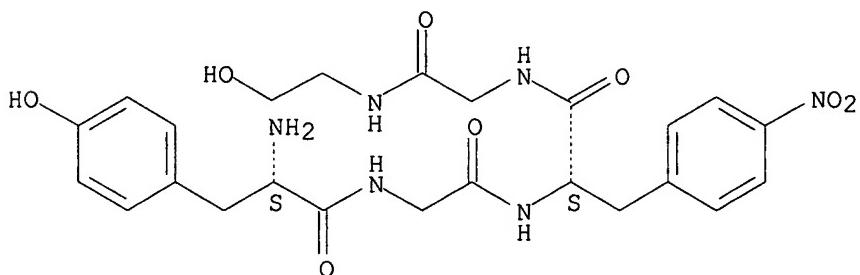
Absolute stereochemistry.



RN 866612-41-1 HCPLUS

CN Glycinamide, L-tyrosylglycyl-4-nitro-L-phenylalanyl-N-(2-hydroxyethyl)-
(9CI) (CA INDEX NAME)

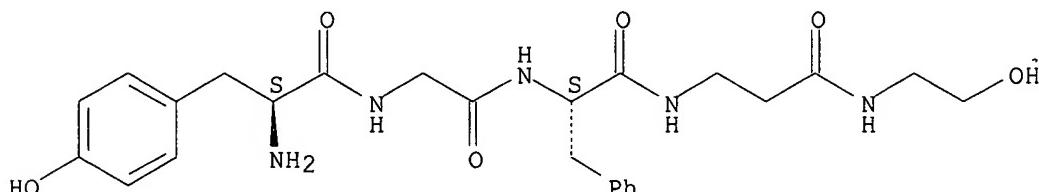
Absolute stereochemistry.



RN 866612-42-2 HCPLUS

CN β -Alaninamide, L-tyrosylglycyl-L-phenylalanyl-N-(2-hydroxyethyl)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 6 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:574827 HCPLUS

DOCUMENT NUMBER: 141:271209

TITLE: Threonine at position 6 is not essential for the
immunosuppressive activity of HLA-DQ(β 164-172)-
hexapeptide

AUTHOR(S): Stefanowicz, Piotr; Boratynski, Przemyslaw J.;
Staszewska, Anna; Wilczynski, Andrzej; Zimecki,
Michał; Szewczuk, Zbigniew

CORPORATE SOURCE: Faculty of Chemistry, University of Wroclaw, Wroclaw,
50-383, Pol.

SOURCE: Molecular Immunology (2004), 41(9), 911-917

CODEN: MOIMD5; ISSN: 0161-5890

PUBLISHER: Elsevier

DOCUMENT TYPE: Journal
 LANGUAGE: English

IT 757967-17-2P

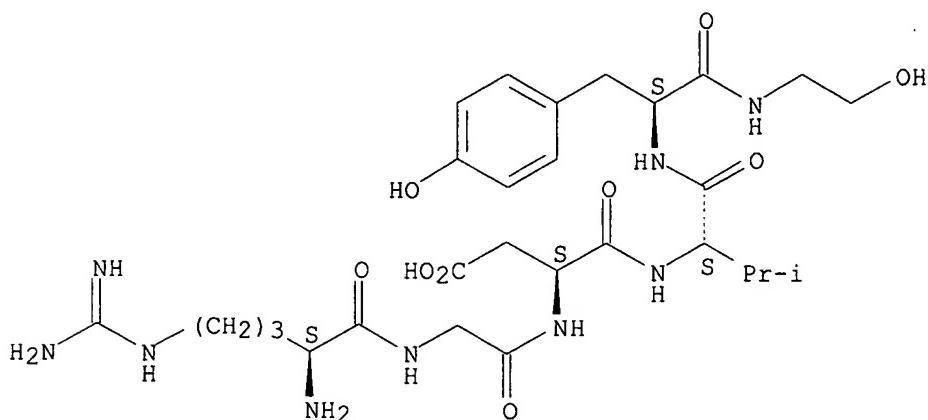
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(immunosuppressive activity of HLA-DQ peptide analogs)

RN 757967-17-2 HCPLUS

CN L-Tyrosinamide, L-arginylglycyl-L- α -aspartyl-L-valyl-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 7 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:549673 HCPLUS

DOCUMENT NUMBER: 141:106735

TITLE: A solid phase method for synthesis of peptide-spacer-lipid conjugates and preparation of target liposome containing the conjugates

INVENTOR(S): Wu, Shih-Kuan; Chang, Ting-Kuang; Tseng, Chin-Lu; Chen, Li-Rong; Shih, Kai-Hsiang

PATENT ASSIGNEE(S): Biotech Development Center, Taiwan

SOURCE: Jpn. Kokai Tokkyo Koho, 82 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004189617	A2	20040708	JP 2002-355885	20021206
PRIORITY APPLN. INFO.:			JP 2002-355885	20021206

OTHER SOURCE(S): CASREACT 141:106735

IT 632357-22-3DP, resin-bound 632357-23-4DP, resin-bound

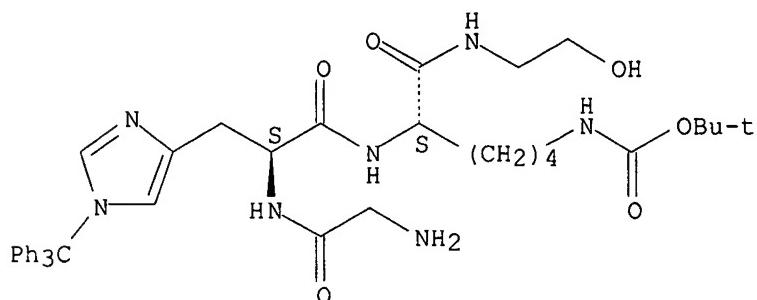
632357-25-6DP, resin-bound

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(solid phase method for synthesis of peptide-spacer-lipid conjugates

and preparation of target liposome containing the conjugates)
 RN 632357-22-3 HCPLUS
 CN L-Lysinamide, glycyl-1-(triphenylmethyl)-L-histidyl-N6-[(1,1-dimethylethoxy)carbonyl]-N-(2-hydroxyethyl)-(9CI) (CA INDEX NAME)

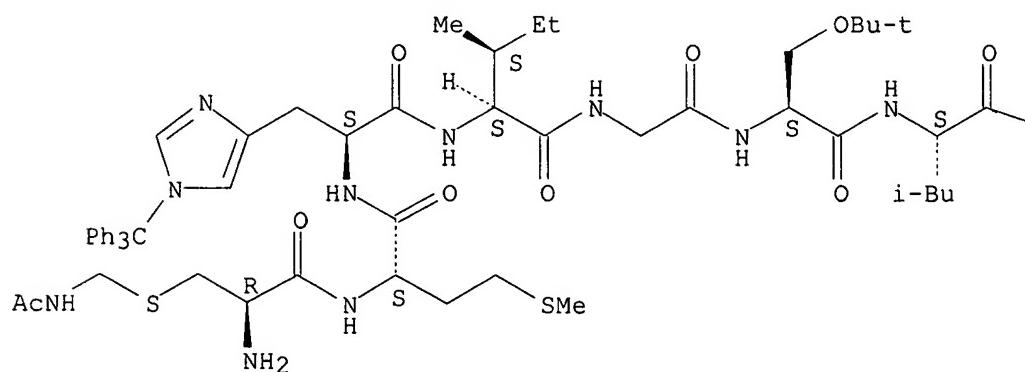
Absolute stereochemistry.



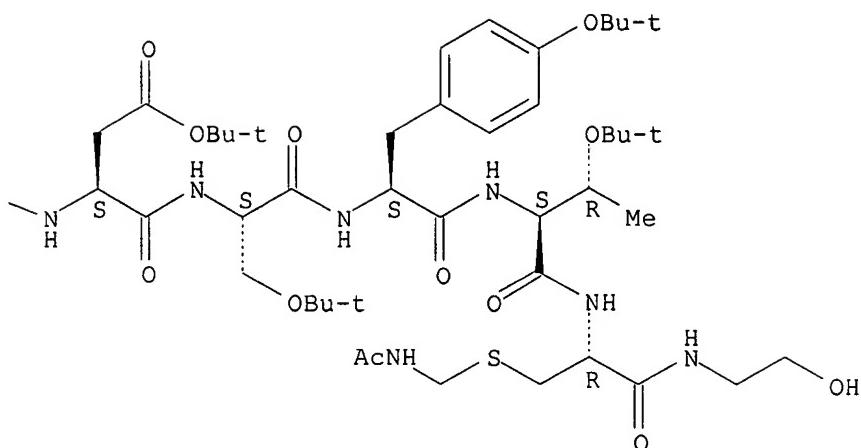
RN 632357-23-4 HCPLUS
 CN L-Cysteinamide, S-[(acetylamino)methyl]-L-cysteinyl-L-methionyl-1-(triphenylmethyl)-L-histidyl-L-isoleucylglycyl-O-(1,1-dimethylethyl)-L-seryl-L-leucyl-L- α -aspartyl-O-(1,1-dimethylethyl)-L-seryl-O-(1,1-dimethylethyl)-L-tyrosyl-O-(1,1-dimethylethyl)-L-threonyl-S-[(acetylamino)methyl]-N-(2-hydroxyethyl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

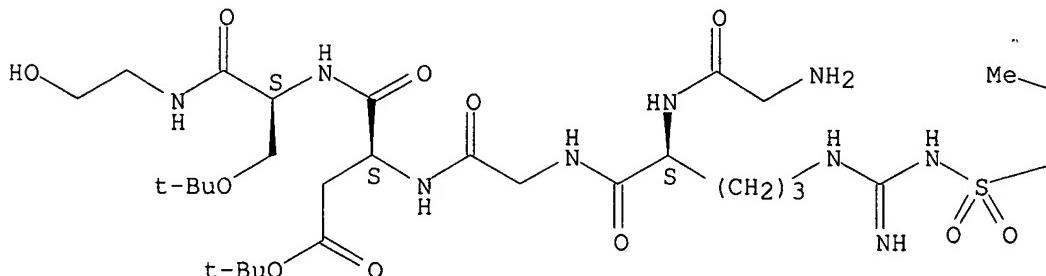


RN 632357-25-6 HCPLUS

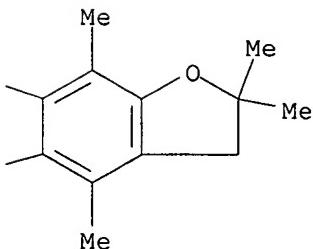
CN L-Serinamide, glycyl-N5-[[[(2,3-dihydro-2,2,4,6,7-pentamethyl-5-benzofuranyl)sulfonyl]amino]iminomethyl]-L-ornithylglycyl-L-alpha-aspartyl-O-(1,1-dimethylethyl)-N-(2-hydroxyethyl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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PAGE 1-B



L12 ANSWER 8 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:17423 HCPLUS

DOCUMENT NUMBER: 140:72925

TITLE: Characterization and drug screening use of phosphoinositolglycan-binding protein from plasma

membrane of adipocytes
INVENTOR(S): Mueller, Guenter; Frick, Wendelin; Schneider, Rudolf;
Petry, Stefan; Urmann, Matthias
PATENT ASSIGNEE(S): Aventis Pharma Deutschland G.m.b.H., Germany
SOURCE: Eur. Pat. Appl., 41 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

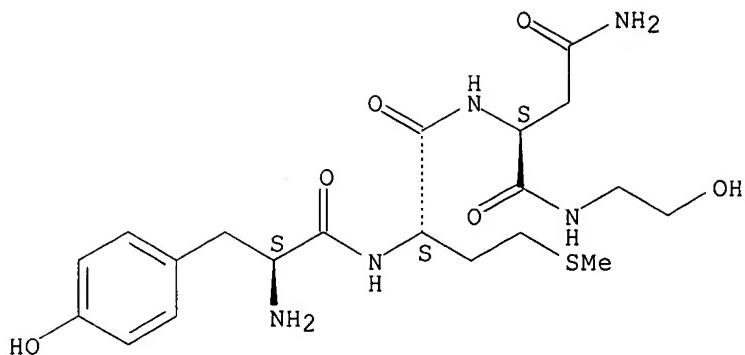
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1378517	A1	20040107	EP 2002-15047	20020705
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
CA 2490572	AA	20040115	CA 2003-2490572	20030626
WO 2004005337	A1	20040115	WO 2003-EP6725	20030626
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003246590	A1	20040123	AU 2003-246590	20030626
EP 1521773	A1	20050413	EP 2003-762515	20030626
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BR 2003012417	A	20050426	BR 2003-12417	20030626
CN 1665836	A	20050907	CN 2003-815992	20030626
JP 2006514916	T2	20060518	JP 2004-518576	20030626
CN 1817903	A	20060816	CN 2006-10057471	20030626
US 2004229278	A1	20041118	US 2003-470606	20030703
US 7049416	B2	20060523		
NO 2005000639	A	20050401	NO 2005-639	20050204
US 2006160142	A1	20060720	US 2006-377531	20060316
PRIORITY APPLN. INFO.:			EP 2002-15047	A 20020705
			CN 2003-815992	A3 20030626
			WO 2003-EP6725	W 20030626
			US 2003-470606	A3 20030703

IT 640279-30-7P
RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(PBP ligand; characterization and drug screening use of
phosphoinositolglycan-binding protein (PBP) from plasma membrane of
adipocytes)

RN 640279-30-7 HCPLUS
CN L-Aspartamide, L-tyrosyl-L-methionyl-N1-(2-hydroxyethyl)- (9CI) (CA INDEX
NAME)

Absolute stereochemistry.



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 9 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:971712 HCPLUS

DOCUMENT NUMBER: 140:31479

TITLE: Solid phase method for preparation of peptide-lipid conjugates for targeted liposome formulations

INVENTOR(S): Wu, Shih-Kwang; Chang, Ting-Gung; Tseng, Chin-Lu;

Chen, Li-Jung; Shih, Kae-Shyang

PATENT ASSIGNEE(S): Development Center for Biotechnology, Taiwan

SOURCE: U.S. Pat. Appl. Publ., 19 pp., Cont.-in-part of U.S. Pat. Appl. 2003 229,013.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003229017	A1	20031211	US 2002-308644	20021203
US 2003229013	A1	20031211	US 2001-16569	20011207
CA 2413629	AA	20030607	CA 2002-2413629	20021205
CN 1453293	A	20031105	CN 2002-155769	20021209

PRIORITY APPLN. INFO.:

IT 632357-22-3DP, polymer-bound 632357-23-4DP,
polymer-bound 632357-25-6DP, polymer-bound

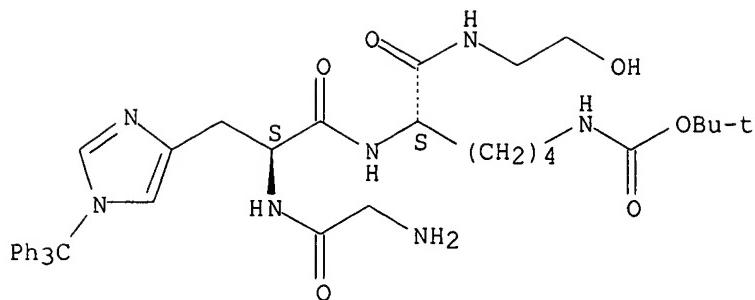
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(solid phase method for preparation of peptide-lipid conjugates for targeted
liposome formulations)

RN 632357-22-3 HCPLUS

CN L-Lysinamide, glycyl-1-(triphenylmethyl)-L-histidyl-N6-[(1,1-dimethylethoxy)carbonyl]-N-(2-hydroxyethyl)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

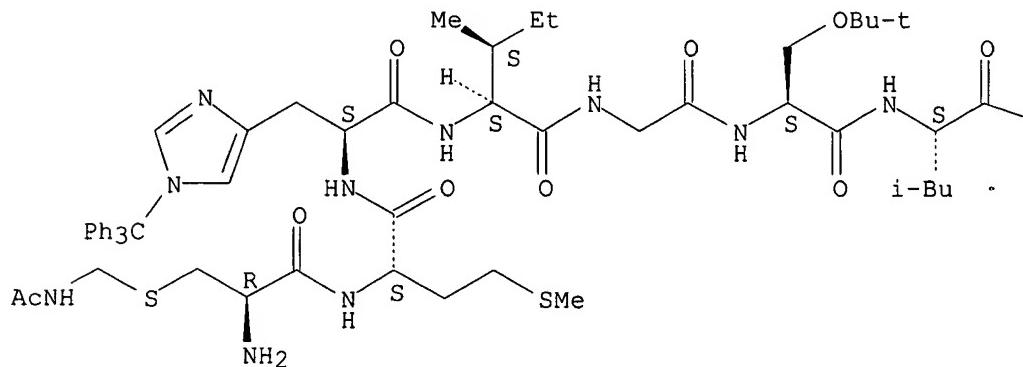


RN 632357-23-4 HCPLUS

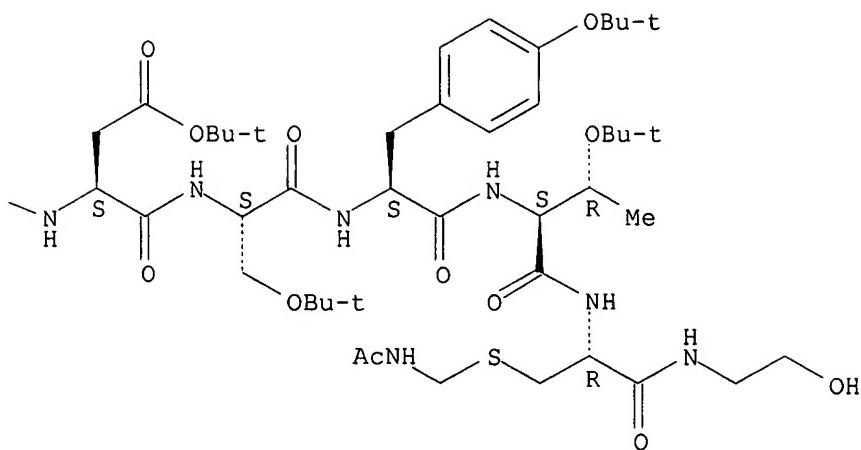
CN L-Cysteinamide, S-[(acetylamino)methyl]-L-cysteinyl-L-methionyl-1-(triphenylmethyl)-L-histidyl-L-isoleucylglycyl-O-(1,1-dimethylethyl)-L-seryl-L-leucyl-L- α -aspartyl-O-(1,1-dimethylethyl)-L-seryl-O-(1,1-dimethylethyl)-L-tyrosyl-O-(1,1-dimethylethyl)-L-threonyl-S-[(acetylamino)methyl]-N-(2-hydroxyethyl)-, 1,1-dimethylethyl ester (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

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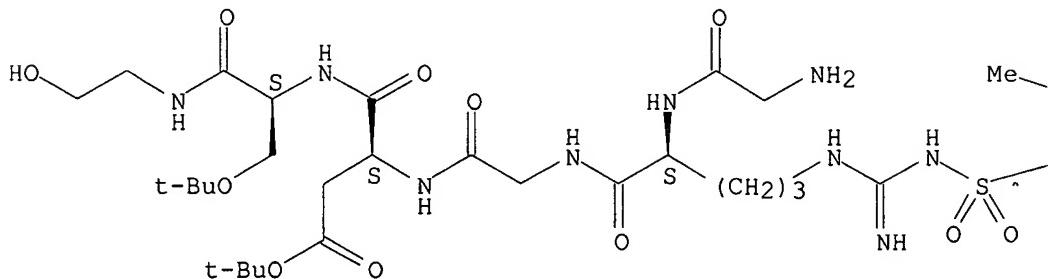


RN 632357-25-6 HCPLUS

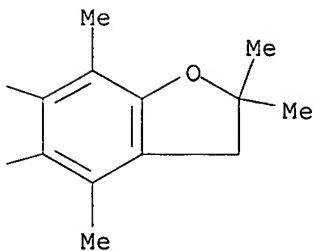
CN L-Serinamide, glycyl-N5-[[[(2,3-dihydro-2,2,4,6,7-pentamethyl-5-benzofuranyl)sulfonyl]amino]iminomethyl]-L-ornithylglycyl-L- α -aspartyl-O-(1,1-dimethylethyl)-N-(2-hydroxyethyl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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L12 ANSWER 10 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:509780 HCPLUS

DOCUMENT NUMBER: 139:392495

TITLE: New proctolin analogues modified in position 2 and 5 of the peptide chain and their biological evaluation

AUTHOR(S): in insects
 Szeszel-Fedorowicz, Wioletta; Rosinski, Grzegorz;
 Issberner, Jonathan; Osborne, Richard; Konopinska,
 Danuta

CORPORATE SOURCE: Faculty of Chemistry University of Wroclaw, Wroclaw,
 50-383, Pol.

SOURCE: Peptides 2000, Proceedings of the European Peptide
 Symposium, 26th, Montpellier, France, Sept. 10-15,
 2000 (2001), Meeting Date 2000, 849-850. Editor(s):
 Martinez, Jean; Fehrentz, Jean-Alain. Editions EDK:
 Paris, Fr.
 CODEN: 69EDWK; ISBN: 2-84254-048-4

DOCUMENT TYPE: Conference

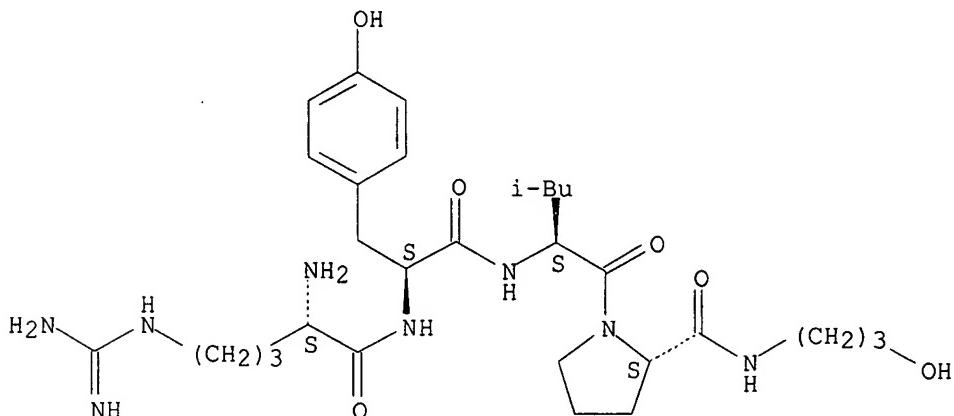
LANGUAGE: English

IT 395641-36-8
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BUU
 (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (proctolin analogs and their biol. activity in insects)

RN 395641-36-8 HCAPLUS

CN L-Prolinamide, L-arginyl-L-tyrosyl-L-leucyl-N-(3-hydroxypropyl)- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

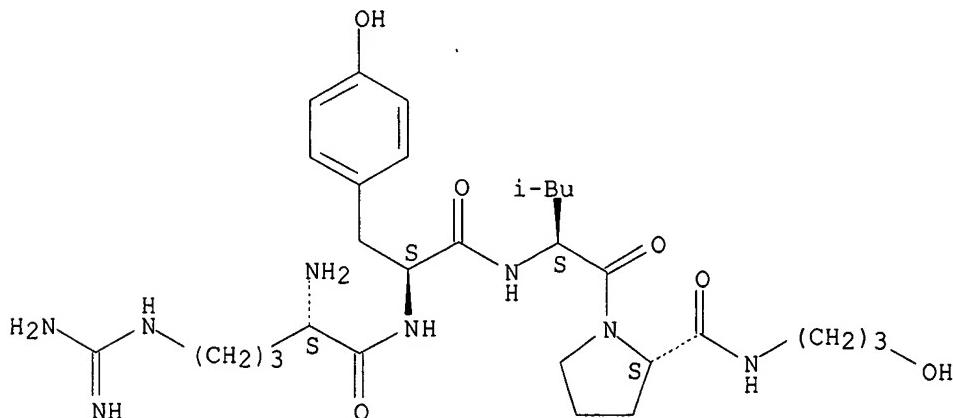


REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:386982 HCAPLUS
 DOCUMENT NUMBER: 136:148140
 TITLE: Myotropic effects of new proctolin analogues modified
 in the position 5 of peptide chain in insects
 AUTHOR(S): Szeszel-Fedorowicz, Wioletta; Rosinski, Grzegorz;
 Issberner, Jonathan; Osborne, Richard; Sliwowska,
 Joanna; Konopinska, Danuta
 CORPORATE SOURCE: Faculty of Chemistry, University of Wroclaw, Wroclaw,
 PL 50-383, Pol.
 SOURCE: Polish Journal of Pharmacology (2001), 53(1), 31-38
 CODEN: PJPAE3; ISSN: 1230-6002
 PUBLISHER: Polish Academy of Sciences, Institute of Pharmacology
 DOCUMENT TYPE: Journal
 LANGUAGE: English

IT 395641-36-8P
 RL: BSU (Biological study, unclassified); SPN (Synthetic preparation);
 BIOL (Biological study); PREP (Preparation)
 (myotropic effects of proctolin analogs in insects)
 RN 395641-36-8 HCPLUS
 CN L-Prolinamide, L-arginyl-L-tyrosyl-L-leucyl-N-(3-hydroxypropyl)- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

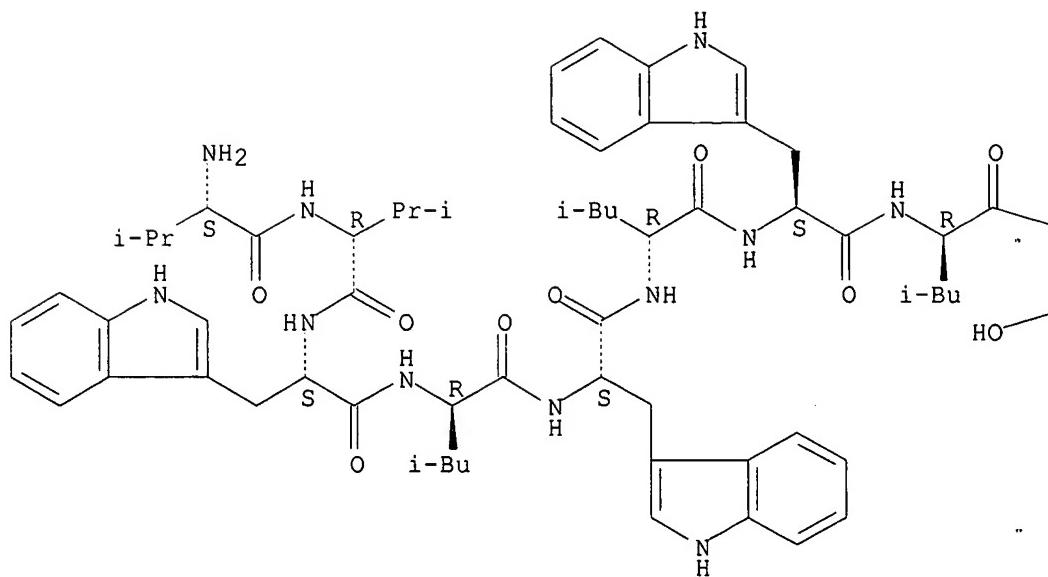


REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

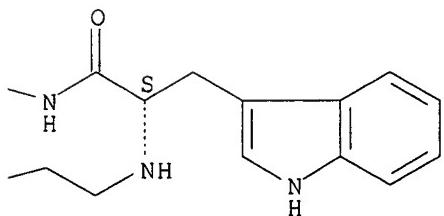
L12 ANSWER 12 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1965:403541 HCPLUS
 DOCUMENT NUMBER: 63:3541
 ORIGINAL REFERENCE NO.: 63:671g-h
 TITLE: Gramicidin A. VI. The synthesis of valine- and isoleucine-gramicidin A
 AUTHOR(S): Sarges, Reinhard; Witkop, Bernhard
 CORPORATE SOURCE: U.S. Dept. of Health, Educ., & Welfare, Bethesda, MD
 SOURCE: Journal of the American Chemical Society (1965) 2020-7
 CODEN: JACSAT; ISSN: 0002-7863
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 63:3541
 IT 884483-21-0, Tryptophanamide, L-valyl-D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L-884483-22-1, Tryptophanamide, D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L-885119-87-9, Tryptophanamide, D-valyl-L-valyl-D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-D-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L-885119-89-1, Tryptophanamide, L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L- (preparation of)
 RN 884483-21-0 HCPLUS
 CN Tryptophanamide, L-valyl-D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L- (7CI) (CA INDEX NAME)

Absolute stereochemistry.

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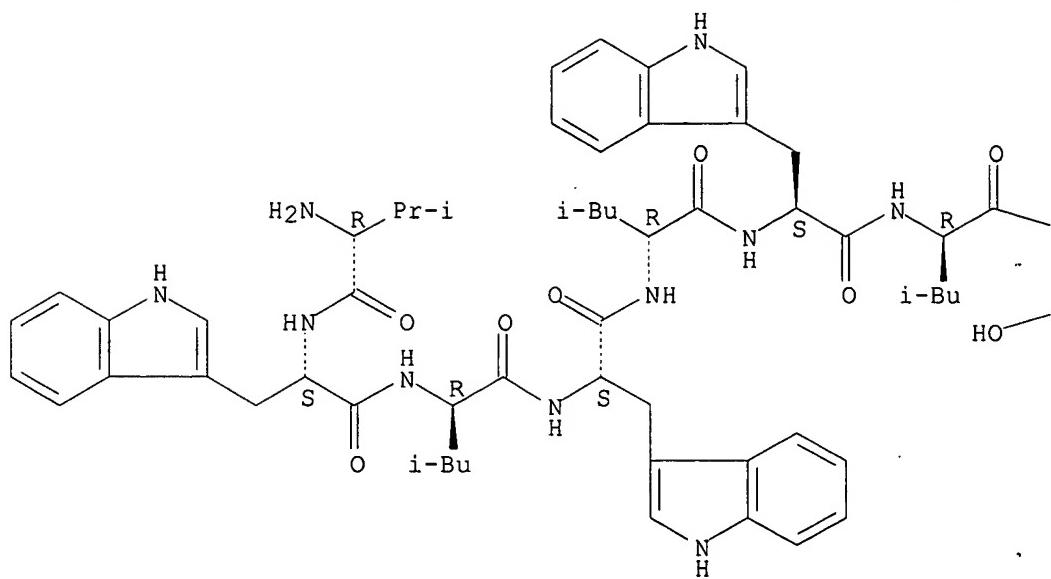


RN 884483-22-1 HCPLUS

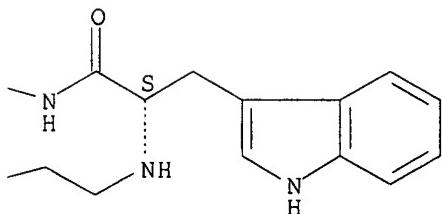
CN Tryptophanamide, D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L- (7CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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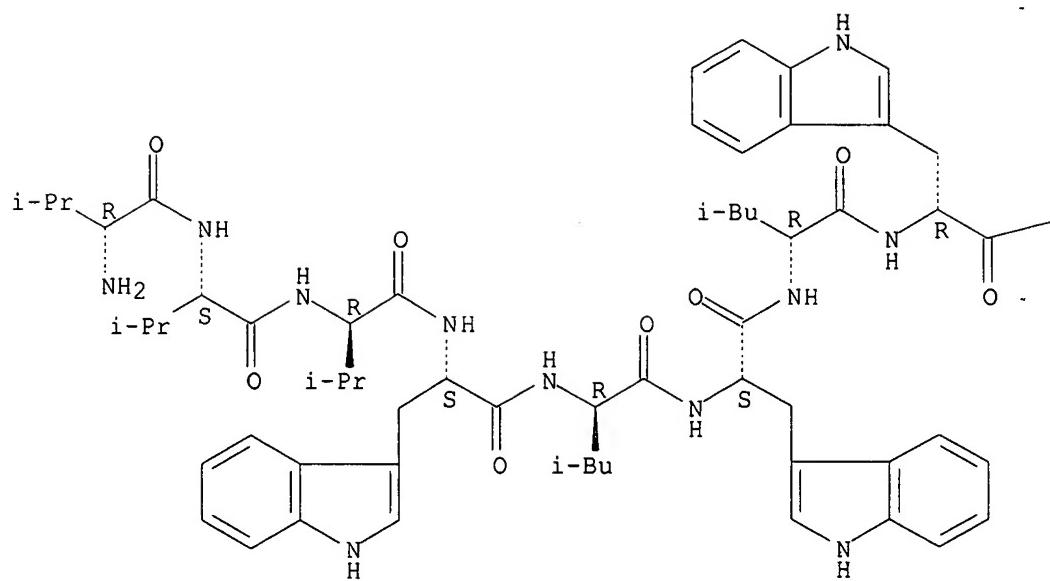


RN 885119-87-9 HCAPLUS

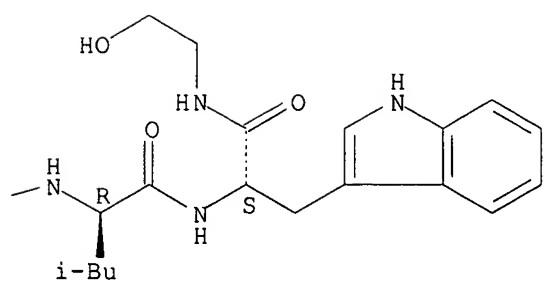
CN Tryptophanamide, D-valyl-L-valyl-D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-D-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L- (7CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

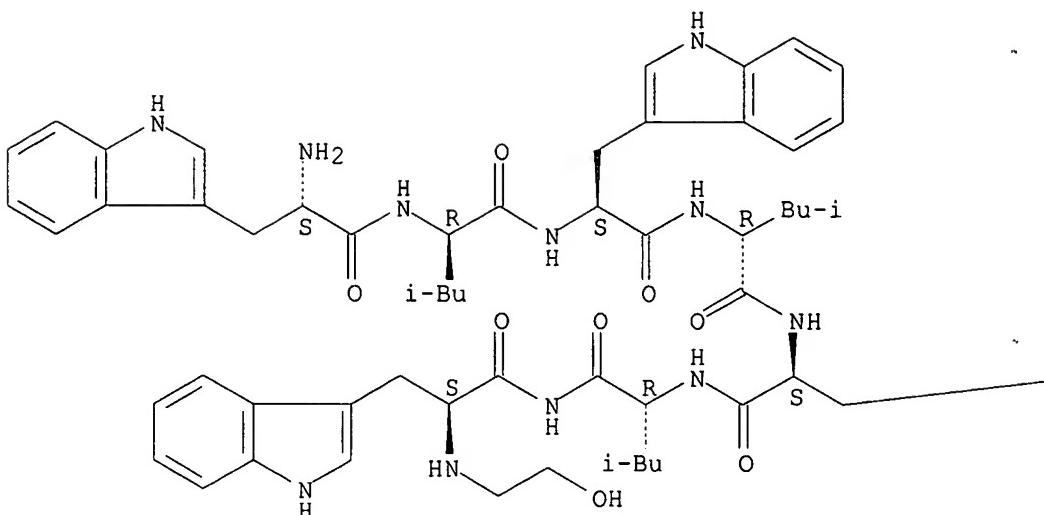


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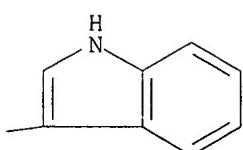
CN Tryptophanamide, L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L- (7CI) (CA INDEX NAME)

Absolute stereochemistry.

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PAGE 1-B



L12 ANSWER 13 OF 13 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1965:403540 HCPLUS

DOCUMENT NUMBER: 63:3540

ORIGINAL REFERENCE NO.: 63:671d-g

TITLE: Gramicidin A. V. The structure of valine- and
isoleucine-gramicidin A

AUTHOR(S): Sarges, Reinhard; Witkop, Bernhard

CORPORATE SOURCE: U.S. Dept. of Health, Educ., & Welfare, Bethesda, MD

SOURCE: Journal of the American Chemical Society (1965),
87(9), 2011-20

CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 884483-21-0, Tryptophanamide, L-valyl-D-valyl-L-tryptophyl-D-
leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L-

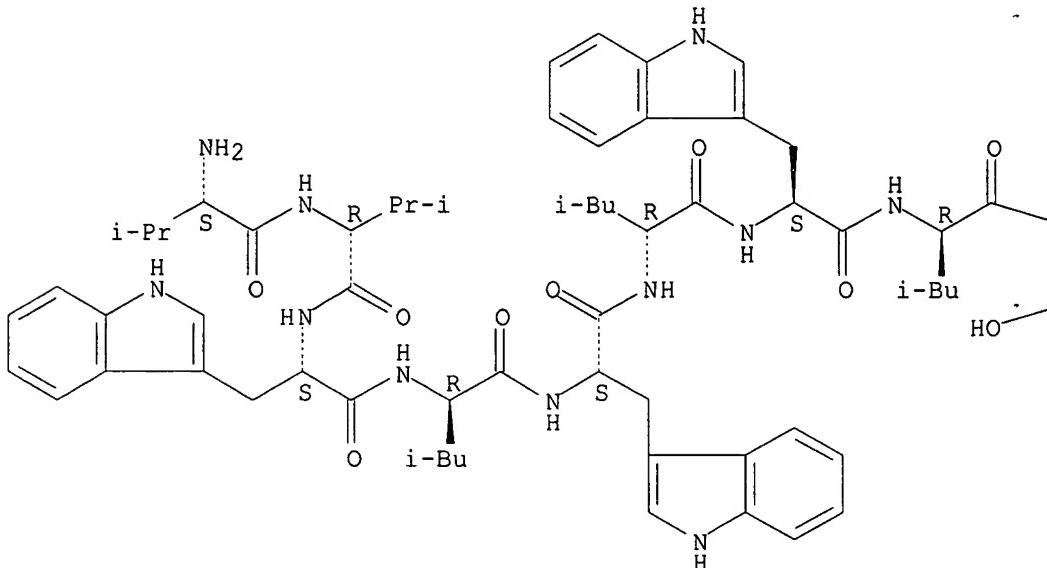
884483-22-1, Tryptophanamide, D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L-
 885119-87-9, Tryptophanamide, D-valyl-L-valyl-D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-D-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L-
 885119-89-1, Tryptophanamide, L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L-
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RN 884483-21-0 HCPLUS

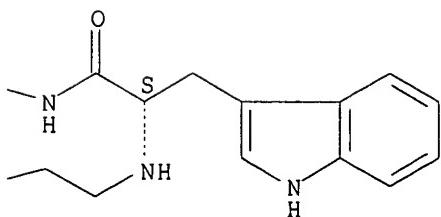
CN Tryptophanamide, L-valyl-D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L- (7CI) (CA INDEX NAME)

Absolute stereochemistry.

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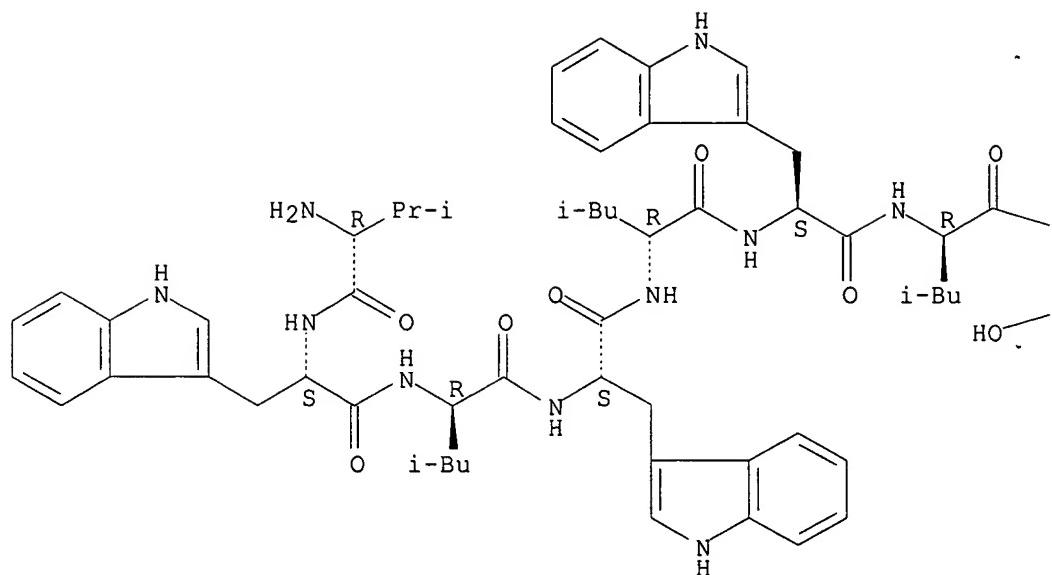


RN 884483-22-1 HCPLUS

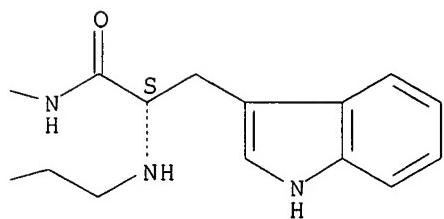
CN Tryptophanamide, D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L- (7CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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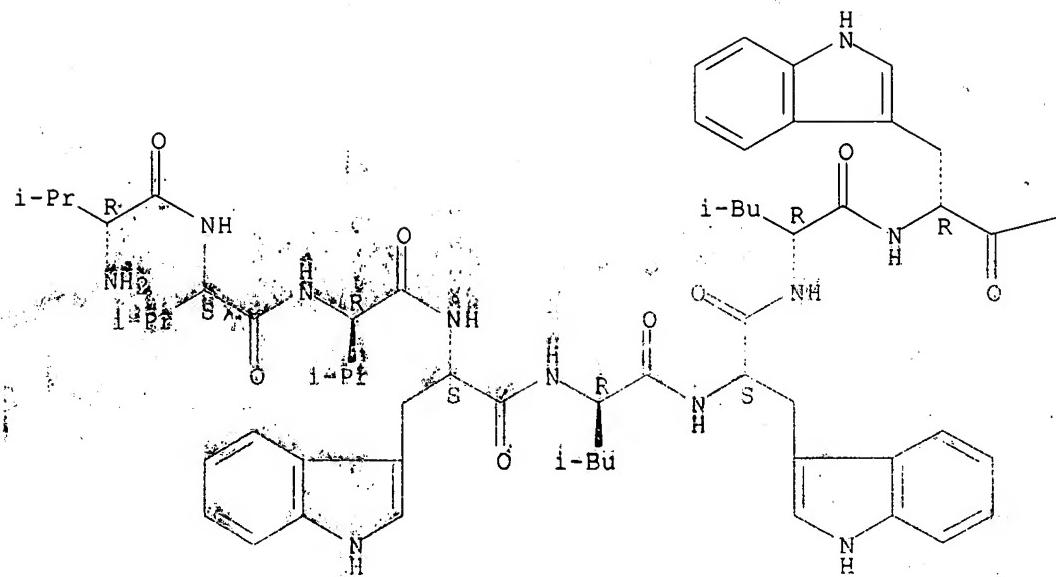


RN 885119-87-9 HCAPLUS

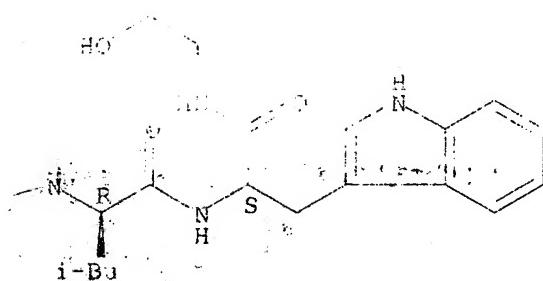
CN Tryptophanamide, D-valyl-L-valyl-D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-D-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L- (7CI) (CA INDEX NAME)

Absolute stereochemistry.

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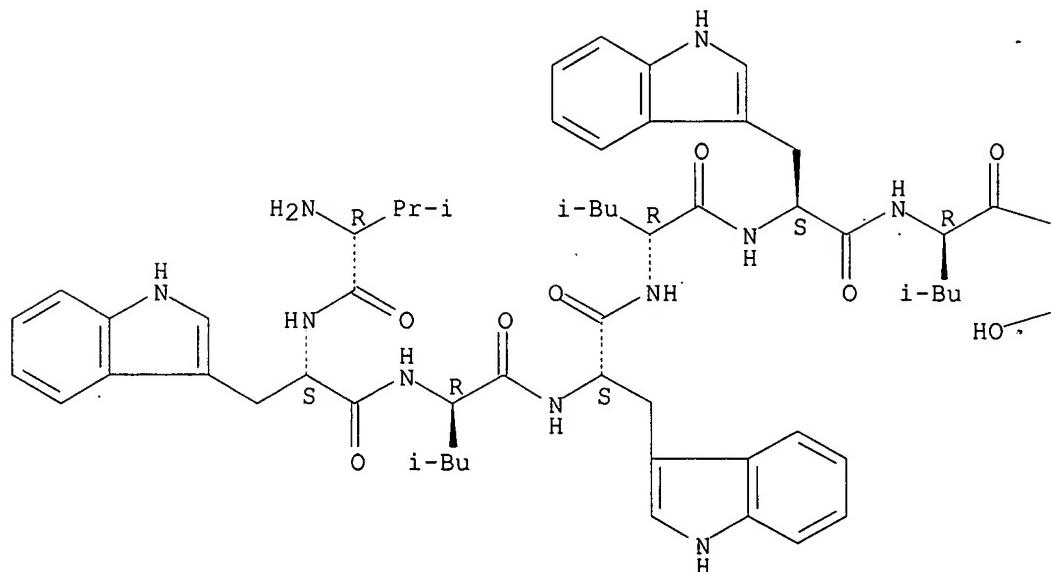
PN. 8E5119-89-1 HCAPLUS

Tryptophanamide, L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L- (7CI) (CA INDEX NAME)

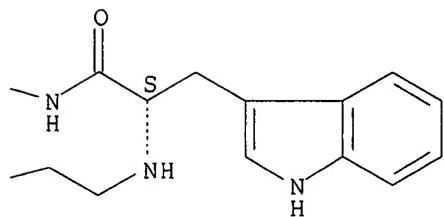
Absolute stereochemistry.

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

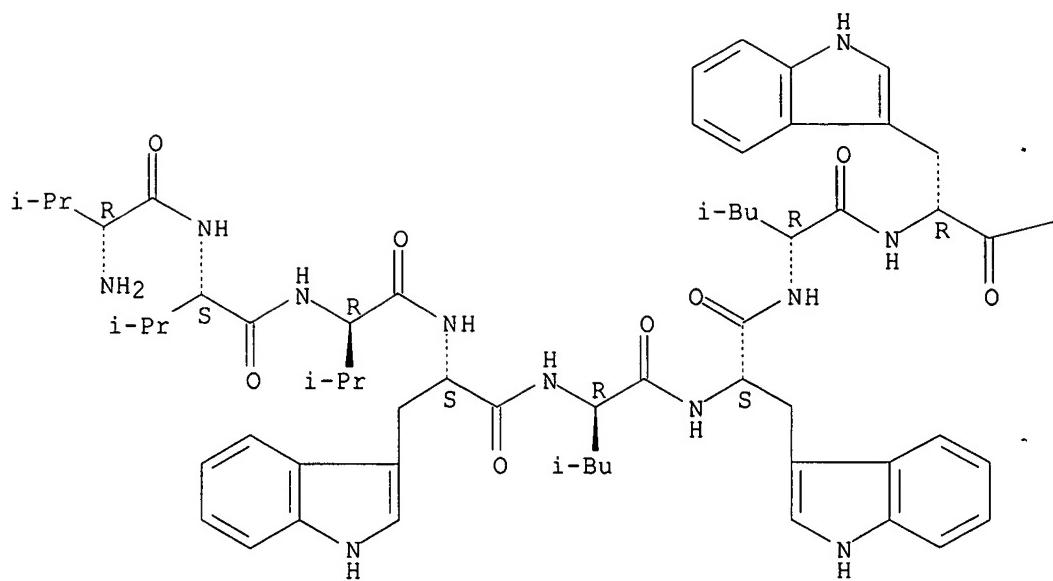


RN 885119-87-9 HCAPLUS

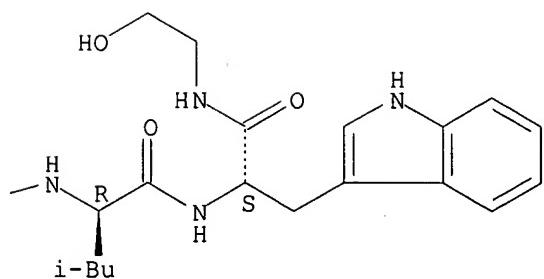
CN Tryptophanamide, D-valyl-L-valyl-D-valyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-D-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L- (7CI) (CA INDEX NAME)

Absolute stereochemistry.

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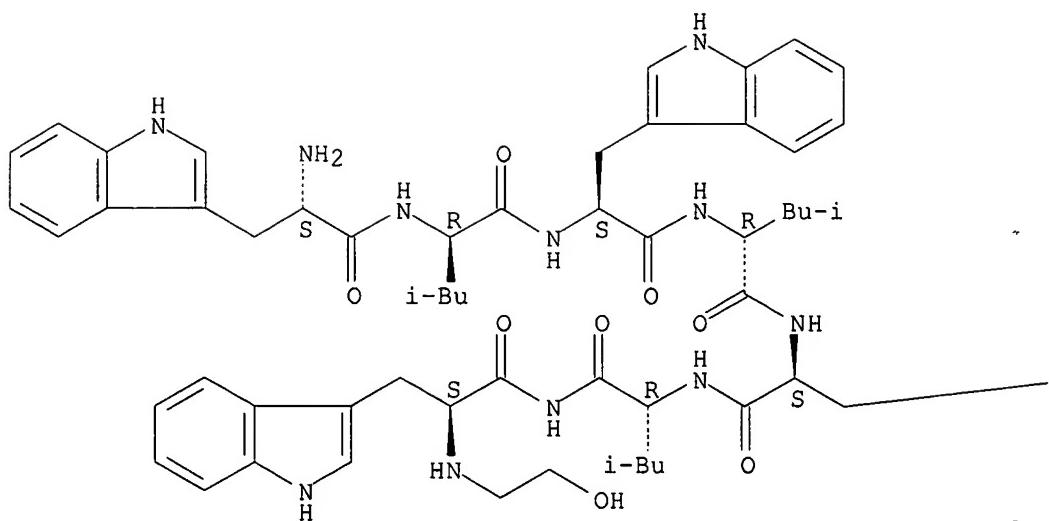


RN 885119-89-1 HCPLUS

CN Tryptophanamide, L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-L-tryptophyl-D-leucyl-N-2-hydroxyethyl-, L- (7CI) (CA INDEX NAME)

Absolute stereochemistry.

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